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(19) **United States**(12) **Patent Application Publication**
Kamen et al.(10) **Pub. No.: US 2021/0353859 A1**(43) **Pub. Date: Nov. 18, 2021**(54) **SYRINGE SHIELD, SYRINGE SHIPPING
AND ADMINISTRATION SYSTEM, AND
COMPONENTS THEREFOR****Publication Classification**(51) **Int. Cl.***A61M 5/178* (2006.01)*A61M 5/00* (2006.01)(52) **U.S. Cl.**CPC *A61M 5/1785* (2013.01); *A61M 5/002*
(2013.01); *A61M 5/007* (2013.01)(71) Applicant: **Robert Kamen**, Toronto (CA)(72) Inventors: **Robert Kamen**, Toronto (CA); **Mico
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(CA)(57) **ABSTRACT**(21) Appl. No.: **17/278,598**(22) PCT Filed: **Sep. 26, 2019**(86) PCT No.: **PCT/CA2019/051381**

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62/852,381, filed on May 24, 2019.

A shield for a syringe containing biohazardous material includes an elongate body comprising a compartment extending longitudinally therethrough from a body cold end to a body hot end, the compartment dimensioned to receive a syringe barrel; a cold end cover dimensioned to receive and enclose a syringe plunger extending beyond the body cold end, the cold end cover attachable at the body cold end for enclosing the compartment and the syringe plunger at the body cold end thereby to shieldingly contain the biohazardous material in the syringe at the body cold end; and a hot end cover attachable at the body hot end for at least enclosing the compartment at the body hot end thereby to shieldingly contain the biohazardous material in the syringe at the body hot end.

